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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of: )  
Rama Ratnam et al. ) Before the Examiner  
Application No.: 10/807,885 )  
Filed: March 24, 2004 ) Group Art Unit  
DETERMINING REVERBERATION TIME )

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to the duty of disclosure in accordance with 37 C.F.R. §1.56, Applicants wish to bring to the attention of the Examiner the items of information listed on the enclosed Supplemental Information Disclosure Citation Form. This information has not been previously submitted in this application, and has not been cited previously by the Examiner. Copies of the references are enclosed in accordance with 37 C.F.R. §1.98.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on July 1, 2004.

**L. Scott Paynter**  
Registered Representative

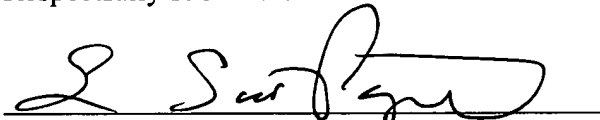
  
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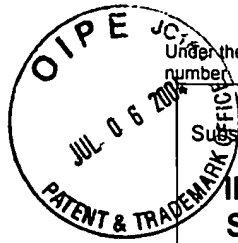
This IDS is being filed prior to the mailing of the First Office Action. Accordingly, it is believed that no fee is due. However, should any fee be required, please charge such fee to Deposit Account No. 23-3030, but not to include any payment of issue fees.

Respectfully submitted:

A handwritten signature in black ink, appearing to read "L. Scott Paynter", written over a horizontal line.

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Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				<i>Complete if Known</i>	
				Application Number	10/807,885
				Filing Date	24 March 2004
				First Named Inventor	Ratnam, Rama
				Group Art Unit	UNKNOWN
				Examiner Name	UNKNOWN
Sheet	1	of	1	Attorney Docket No.	22010-202

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s) publisher city and/or country where published		
		Attias et al., "Blind Source Separation and Deconvolution: The Dynamic Component Analysis Algorithm", Massachusetts Institute of Technology, vol. 10, pp. 1373-1424, 1998		
		Bell et al., "An Information-Maximization Approach to Blind Separation and Blind Deconvolution", Massachusetts Institute of Technology, Vol. 7, pp. 1129-1159, 1995		
		Chu, W. T., "Comparison of reverberation measurements using Schroeder's impulse method and decay-curve averaging method", Acoustical Society of America, Vol. 63, No. 5, pp. 1444-1450, May 1978		
		Cox et al., "Extracting Room Reverberation Time from Speech Using Artificial Neural Networks", J. Audio Eng. Society, Vol. 49, No. 4, pp. 219-230, April 2001		
		Lebart et al., "A New Method Based on Spectral Subtraction for Speech Dereverberation", Acustica, Vol. 87, pp. 359-366, 2001		
		Nannariello et al., "The prediction of reverberation time using neural network analysis," Elsevier Science Ltd., Applied Acoustics, Vol. 58, pp. 305-325, 1999		
		Schroeder, M.R., "New Method of Measuring Reverberation Time", Acoustical Society of America, pp. 409-412, 1964		
		Schroeder, M.R., "Complementarity of Sound Buildup and Decay", The Journal of the Acoustical Society of America, Vol. 40, No. 3, pp. 549-551, April 1966		
		Tahara, Y et al., "A New Approach to Optimum Reverberation Time Characteristics", Elsevier Science Ltd., Applied Acoustics, Vol. 54, No. 2, pp. 113-129, 1998		
		Xiang, Ning, "Evaluation of reverberation times using a nonlinear regression approach", Acoustical Society of America, Vol. 98, No. 4, pp. 2112-2121, October 1995		

Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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